

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**INVENTOR(S)** Kevin S. Grant  
Mark Benjamin Simkins  
David P. Sonnier

**CASE** 1-2-27

**TITLE** Traffic Management Using In-Band Flow Control  
and Multiple-Rate Traffic Shaping

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: October 20, 2003

Signature: *V. Benckner*



**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**SIR:**

**NEW APPLICATION UNDER 37 CFR §1.53(b)**

Enclosed are the following papers relating to the above-named application for patent:

Specification, Claims and Abstract - 24 pages

8 Sheets of informal drawing(s)

Information Disclosure Statement with Form PTO-1449 and cited reference(s)

The present application claims the priority of U.S. Provisional Application No. 60/472,176 filed May 21, 2003 in the name of inventor K.S. Grant et al.

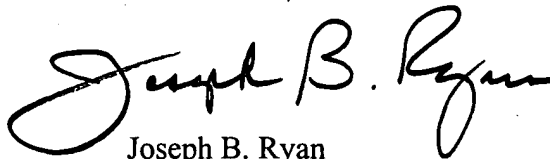
| CLAIMS AS FILED                            |           |           |          |              |
|--|-----------|-----------|----------|--------------|
|  | NO. FILED | NO. EXTRA | RATE     | CALCULATIONS |
| Total Claims                               | 20-20 =   | 0         | x \$18 = | \$0          |
| Independent Claims                         | 4-3 =     | 1         | x \$86 = | \$86         |
| Multiple Dependent Claim(s), if applicable |           |           | \$290 =  | \$0          |
| Basic Fee                                  |           |           |          | \$770        |
| TOTAL FEE:                                 |           |           |          | \$856        |

Please file the application and charge **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** the amount of \$856, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR §1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the undersigned attorney at (516) 759-7517.

Respectfully,

A handwritten signature in black ink, reading "Joseph B. Ryan". The signature is fluid and cursive, with the first name "Joseph" and last name "Ryan" clearly legible.

Date: October 20, 2003

Joseph B. Ryan  
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